

Description of item

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
Rooms		1	6.80	4.80		32.64		
Beams		1	6.55	4.80		31.44		
Front Beams		4	4.80	0.45		8.64		
		5	1.80	0.30		2.70		
Total Qty		1	14.10	0.30		4.23		
KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114 / Item No. 15.16, PWD SR 2016-17 (Inside Wall)								
Rooms	Sqm	4	4.80		3.00	57.60		
		2	6.80		3.00	40.80		
Front		2	6.55		3.00	39.30		
		1	14.10		3.00	42.30		
Deductions - For door Doors		2	0.90		2.10	3.78		
Windows		8	1.50		1.20	14.40		
Total Qty						-18.18		
Qty upto 125%						161.82		
						161.82	238.68	38623.00
KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Page No. 115, Item No. 15.33, PWD SR 2016-17								
Total Qty	Sqm	Qty Vide Item No. 9+10				241.47		
						241.47	27.00	6520.00
Providing wall black boards in CM 1:3 with two coats of black paint including finishing etc., complete. Page No. 164, Item No. 37.30, PWD SR 2016-17								
Total Qty	Sqm	2	2.30	1.15		5.29		
						5.29	992.52	5250.00
KSRB15-3.9 : Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114 / Item No. 15.17, PWD SR 2016-17 (Outside Wall)								
Out Side	Sqm	1	14.10		4.13	58.23		
		2	5.35		4.13	44.19		
Total Qty					102.42	213.84		21902.00

Description of item

Unit	No	L	B	D	Qty	Rate	Amount
Sqm	2	0.90	2.10	3.78	3.78	3780.00	14288.00
Total Qty							
Supplying and fixing pressed steel window frame of size 100 x 50mm manufactured from 1.25 mm thick carbon steel or imported steel strips with neat mitred joints at 90degree for window openings and shall be suitable to fix M.S. grills as per design and drawings using 12mm dia rods at 100mm Centre to Centre horizontally and two members of M.S flats of 6mmx40mm size at 150mm apart, welded into a frame of 6mmx40mm size M.S. flats with 16mm size lugs, and 4 Nos. of 100mm size hinges, 4 Nos of Butt Stay pins and 4 Nos. Tower bolts and shutters half panelled and half glazed with shutters made out of seasoned honne wood, styles of 30mm thick and 100mm width and rails of 30mm thick and 100mm width and using 4mm thick in headed glass and panel, filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, heat resistant guaranteed against shrinkage, warp age and such other defects for a period of 3 years.This shall be as per approved drawing, specification and direction including cost of conveyance, manufacturing painting with 2 coats enamel paint over one coat of primer, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift loading and							
Sqm	8	1.50	1.20	14.40	14.40		
For New School Rooms Windows							
Total Qty							
Qty upto 125%							
Qty Above 125%							
Basic Rate							
Area Weightage @ 8%							
Total							
3800.00							
304.00							
4104.00							
53865.00							
52333.00							

SRB 14.10-1: Flooring with 25mm to 40mm thick polished tandar blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification No. 103 / Item No. 14.15, PWD SR 2016-17	Unit	No	L	B	D	Qty	Rate	Amount
	Sqm							
Rooms		1	6.80	4.80		32.64		
Skirting		2	6.80	0.10		1.36		
		2	4.80	0.10		0.96		
Rooms		1	6.55	4.80		31.44		
Skirting		2	6.55	0.10		1.31		
		2	4.80	0.10		0.96		
Front		1	14.10	1.60		22.56		
		1	1.60	0.10		0.16		
Skirting		1	14.10	0.10		1.41		
		1	5.50	4.80		26.40		
		2	5.50	0.10		1.10		
		2	4.80	0.10		0.96		
		2	5.50	4.80		52.80		
		4	5.80	0.10		2.32		
		4	4.90	0.10		1.96		
						178.34	1210.68	215913.00
SRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Page No. 117 / Item No. 15.49.1, PWD SR 2016-17	Sqm							
		Qty Vide Item No.9+10				241.47		
						241.47	76.68	18516.00
SRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. Page No. 117 / Item No. 15.53.2, SR 2016-17.	Sqm							
		Qty Vide Item No.12				102.42		
						102.42	90.72	9292.00
SRB 8.6-7 : Providing and fixing on wall surface 4.0 g / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. Page No. 47 / Item No. 8.18, PWD SR 2016-17	m	8	6.50					
Total Qty						52.00		
Qty upto 125%						52.00		
Qty Above 125%						15.00	462.72	6941.00
Basic Rate	428.00					37.00	462.24	17103.00
Area Weightage @ 8%	34.24							
Total	462.24							

[illegible]

CERTIFICATE: Seventy Eight Thousand Eight Hundred Ninety Nine Only

The estimate is prepared as per PWD SR of 2016-17.

The provisions were made in this estimate are necessary and adequate.

These works come under B.B.M.P. limits.


Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaavanura Sub Division

00/51

Accounted For RS1528899.

Head of A/C 9-3085

CAR NO. 55/25/18-19 26.10

01234567891011121314151617181920212223242526272829303132333435363738394041424344454647484950515253545556575859606162636465666768697071727374757677787980818283848586878889909192939495969798991001011021031041051061071081091101111121131141151161171181191201211221231241251261271281291301311321331341351361371381391401411421431441451461471481491501511521531541551561571581591601611621631641651661671681691701711721731741751761771781791801811821831841851861871881891901911921931941951961971981992002012022032042052062072082092102112122132142152162172182192202212222232242252262272282292302312322332342352362372382392402412422432442452462472482492502512522532542552562572582592602612622632642652662672682692702712722732742752762772782792802812822832842852862872882892902912922932942952962972982993003013023033043053063073083093103113123133143153163173183193203213223233243253263273283293303313323333343353363373383393403413423433443453463473483493503513523533543553563573583593603613623633643653663673683693703713723733743753763773783793803813823833843853863873883893903913923933943953963973983994004014024034044054064074084094104114124134144154164174184194204214224234244254264274284294304314324334344354364374384394404414424434444454464474484494504514524534544554564574584594604614624634644654664674684694704714724734744754764774784794804814824834844854864874884894904914924934944954964974984995005015025035045055065075085095105115125135145155165175185195205215225235245255265275285295305315325335345355365375385395405415425435445455465475485495505515525535545555565575585595605615625635645655665675685695705715725735745755765775785795805815825835845855865875885895905915925935945955965975985996006016026036046056066076086096106116126136146156166176186196206216226236246256266276286296306316326336346356366376386396406416426436446456466476486496506516526536546556566576586596606616626636646656666676686696706716726736746756766776786796806816826836846856866876886896906916926936946956966976986997007017027037047057067077087097107117127137147157167177187197207217227237247257267277287297307317327337347357367377387397407417427437447457467477487497507517527537547557567577587597607617627637647657667677687697707717727737747757767777787797807817827837847857867877887897907917927937947957967977987998008018028038048058068078088098108118128138148158168178188198208218228238248258268278288298308318328338348358368378388398408418428438448458468478488498508518528538548558568578588598608618628638648658668678688698708718728738748758768778788798808818828838848858868878888898908918928938948958968978988999009019029039049059069079089099109119129139149159169179189199209219229239249259269279289299309319329339349359369379389399409419429439449459469479489499509519529539549559569579589599609619629639649659669679689699709719729739749759769779789799809819829839849859869879889899909919929939949959969979989991000100110021003100410051006100710081009101010111012101310141015101610171018101910201021102210231024102510261027102810291030103110321033103410351036103710381039104010411042104310441045104610471048104910501051105210531054105510561057105810591060106110621063106410651066106710681069107010711072107310741075107610771078107910801081108210831084108510861087108810891090109110921093109410951096109710981099110011011102110311041105110611071108110911101111111211131114111511161117111811191120112111221123112411251126112711281129113011311132113311341135113611371138113911401141114211431144114511461147114811491150115111521153115411551156115711581159116011611162116311641165116611671168116911701171117211731174117511761177117811791180118111821183118411851186118711881189119011911192119311941195119611971198119912001201120212031204120512061207120812091210121112121213121412151216121712181219122012211222122312241225122612271228122912301231123212331234123512361237123812391240124112421243124412451246124712481249125012511252125312541255125612571258125912601261126212631264126512661267126812691270127112721273127412751276127712781279128012811282128312841285128612871288128912901291129212931294129512961297129812991300

2

BRUHAT BANGALORE MAHANAGARA PALIKE

YALAHANKA ZONE

Case of Work: Modified Estimate for Construction of Additional Class Rooms to Govt. Higher Primary School of Singapura in Ward No. 11 (Kuvempunagara) Vidyananyapura Sub Division.

Estimate Cost Rs.									
No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 Page No. 5 / Item No. 2.3 of PWD SR 2016-17								
	For Road Work	Cum							
	For Sump		1	98.00	4.60	0.30	135.24		
	Total Qty		1	4.00	3.00	2.80	33.60		
							168.84		
	Qty upto 125%								
	Qty Above 125%								
	Basic Rate	189.00						204.12	21619.00
	Area Weightage @ 8%	15.12						204.12	12845.00
	Total	204.12							
	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.3 of PWD SR 2016-17								
	For Road Work	Cum							
	For Sump		1	98.00	4.50	0.15	66.15		
	Total Qty		1	4.00	3.00	0.15	1.80		
							67.95		
	Qty upto 125%								
	Qty Above 125%								
	Basic Rate	4867.00						5256.36	154208.00
	Area Weightage @ 8%	389.36						5256.36	202961.00
	Total	5256.36							
	KSRB 5-2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.6, PWD SR 2016-17								
	For Sump	Cum							
			2	4.00	0.75	1.00	6.00		
			2	3.00	0.75	1.00	4.50		
							10.50	4521.96	47481.00

Description of item

KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.9, PWD SR 2016-17

For Sump

Unit	No	L	B	D	Qty	Rate	Amount
Cum							
	2	4.00	0.60	1.00	4.80		
	2	3.00	0.60	1.00	3.60		
					8.40	5405.40	45405.00

KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications Page No. 113 / Item No. 15.3, PWD SR 2016-17

For Sump

Unit	No	L	B	D	Qty	Rate	Amount
Sqm							
	2	4.00	1.00	1.00	8.00		
	2	3.00	1.00	1.00	6.00		
					14.00	105.84	1482.00

KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Page No. 5 / Item No. 2.11 of PWD SR 2016-17

Cum Not Executed

KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No. 15 / Item No. 4.28, PWD SR 2016-17

Unit	No	L	B	D	Qty	Rate	Amount
Sqm							
Column	10	1.30					
	3	1.00	4.00	52.00			
Lintel	2	38.10	4.00	12.00			
Beam	2	4.80	0.20	15.24			
	5	1.60	1.20	11.52			
	1	14.10	0.90	7.20			
Tie Beam	2	38.10	0.90	12.69			
			0.45	34.29			
				144.94	249.48	36160.00	

Description of Item

KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplasticiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. 13 / Item No. 4.11 / PWD SR 2016-17

Cum

Column

10 0.45 0.20 4.00 3.60

Lintel

3 0.30 0.30 4.00 1.08

Beam

1 38.10 0.20 0.20 1.52

Front Beam

2 4.80 0.30 0.45 1.30

Tie Beam

1 14.10 0.30 0.30 1.27

Roof Slab

5 1.60 0.30 0.30 0.72

1 38.10 0.20 0.45 3.43

1 14.10 7.10 0.15 15.02

1 98.00 4.50 0.125 55.13

1 4.00 3.00 0.150 1.80

Total Qty

84.86

Qty upto 125%

67.41

Qty Above 125%

17.45

Basic Rate

6491.88

Area Weightage @ 8%

437634.00

Total

113264.00

KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT Bars FE 500 Page No. 17 / Item No. 4.46.2 / PWD SR 2016-17

Tonne

125 Kgs/ Cum

0.125 29.73

3.72

3.72

60534.00 224994.00

KSRB 4.6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 15 / Item No. 4.18 / PWD SR 2016-17

Sqm

Roof Rooms 1

1

6.80 4.80

Front 1

1

6.55 4.80

Roof Sides

1

14.10 1.60

2

14.10

2

7.00

0.15 4.23

0.15 2.10

92.97

331.78

30846.00